

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	45	("20020092681"   "20030106718"   "2470831"   "3404165"   "3956141"   "4792412"   "4942929"   "5129469"   "5226749"   "5260268"   "5310285"   "5314265"   "5330662"   "5339912"   "5358049"   "5380706"   "5405223"   "5405224"   "5424284"   "5427999"   "5480863"   "5558161"   "5558171"   "5589603"   "5593952"   "5662169"   "5741758"   "5771971"   "5789352"   "5804535"   "5908814"   "5961438"   "6054416"   "6063737"   "6103671"   "6106733"   "6119779"   "6124244"   "6213213"   "6247543"   "6331508"   "6484821"   "6609578").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/14 08:25
S9	1	"6247543".pn.	USPAT	OR	ON	2005/07/13 17:22
S10	1	"6484821".pn.	USPAT	OR	ON	2005/06/27 12:30
S11	1	"6609578".pn.	USPAT	OR	ON	2005/06/27 11:57
S12	1	"6831043".pn.	USPAT	OR	ON	2005/06/27 12:02
S13	1	"6857485".pn.	USPAT	OR	ON	2005/06/27 12:03
S14	1130	Champion.as.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/27 12:31
S15	20	S14 and acrylonitrile	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/27 12:34
S16	0	S15 and \$ethanolamine	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/27 12:31
S17	4	"Champion Chemicals".as.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/27 12:39
S18	4	"Champion Chemical".as.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/27 12:35
S19	1	"RMR 13-21A"	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/27 12:36
S20	1	"RMR 13-21B"	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/27 12:36
S21	1	"RMR 13-35"	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/27 12:36

S22	8992	Champion withChemical	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/27 12:39
S23	144	Champion with Chemical	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/27 12:40
S24	20	S23 and "507".clas.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/27 12:47
S25	865634	CHAMPION tECHNOLOGIES	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/27 12:48
S26	865634	Champion Technologies	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/27 12:48
S27	14	"Champion Technologies".as.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/27 12:57
S28	1678	shale same (swell\$3 or inhibit\$3 or heaving)	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/27 12:58
S29	729	S28 and (amine or ether)	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/27 12:59
S30	135	S28 and (amine same ether)	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/27 12:59
S31	65	S28 and (amine with ether)	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/27 13:00
S32	26	S31 and "507".clas.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/27 13:00
S33	31	S31 and ("507" or "166").clas.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/27 13:22
S34	266	acrylonitrile with (di\$1ethanolamine or tri\$1ethanolamine)	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/27 16:27
S36	5	S34 and ("507" or "166").clas.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/27 15:22
S37	33	S34 and hydrogenation	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/27 16:27
S38	3250	acrylonitrile and alkanolamine	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/27 16:21

S39	68	acrylonitrile with alkanolamine	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/27 16:28
S40	11	<b>S39 and hydrogenation</b>	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/27 16:30
S41	40	acrylonitrile with (di\$1ethanolamine or tri\$1ethanolamine)	EPO; DERWENT	OR	ON	2005/06/27 16:27
S43	17	acrylonitrile with alkanolamine	EPO; DERWENT	OR	ON	2005/06/27 16:28
S44	0	<b>S43 and hydrogenation</b>	EPO; DERWENT	OR	ON	2005/06/27 16:28
S45	0	<b>S41 and hydrogenation</b>	EPO; DERWENT	OR	ON	2005/06/27 16:29
S46	969	507/133,246,922.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/27 16:52
S47	303	507/133,246.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/27 16:31
S48	70	507/133.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/27 16:41
S49	251	507/246.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/27 16:52
S50	70	507/133.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/27 16:52
S51	689	507/922.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/27 16:52
S52	456	<b>S46 and (swell\$3 or inhibit\$3)</b>	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/27 16:54
S53	186	<b>S52 and (clay or shale)</b>	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/27 16:54
S54	217	<b>S51 and (clay or shale)</b>	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/27 16:54
S55	145	<b>S54 and (swell\$3 or inhibit\$3)</b>	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/27 16:54
S56	1	"4470916".pn.	USPAT	OR	ON	2005/06/28 13:43
S57	1	"4464289".pn.	USPAT	OR	ON	2005/06/28 13:44
S58	1	"4322336".pn.	USPAT	OR	ON	2005/06/28 13:47

S69	1	"6831043".pn.	USPAT	OR	ON	2005/06/28 14:41
S70	45	("20020092681"   "20030106718"   "2470831"   "3404165"   "3956141"   "4792412"   "4942929"   "5129469"   "5226749"   "5260268"   "5310285"   "5314265"   "5330662"   "5339912"   "5358049"   "5380706"   "5405223"   "5405224"   "5424284"   "5427999"   "5480863"   "5558161"   "5558171"   "5589603"   "5593952"   "5662169"   "5741758"   "5771971"   "5789352"   "5804535"   "5908814"   "5961438"   "6054416"   "6063737"   "6103671"   "6106733"   "6119779"   "6124244"   "6213213"   "6247543"   "6331508"   "6484821"   "6609578").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/28 14:59
S71	1	"4049716".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/28 14:59
S73	26	("2187823"   "2326721"   "2828265"   "3042631"   "3377383"   "3810846").PN. OR ("4049716").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/28 15:00
S74	64780	(amine or polyamine) with ether	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/13 16:01
S75	509	S74 and ("507" or "166").clas.	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/13 16:01
S76	62	S75 and shale	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/13 16:02
S77	14	S76 and (amine or polyamine) near3 ether	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/13 16:14
S78	1	"4018744".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/13 16:15
S79	2	"3010782".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/13 16:18
S80	5452	alkanol adj5 amine	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/13 16:18
S81	254	S80 and shale	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/13 16:19

S82	15	S81 and ("507" or "166").clas.	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/13 16:19
S83	15	S82 not S77	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/13 16:27
S84	1503	alkanol with amine with ether	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/13 16:44
S85	19	S84 and ("507" or "166").clas.	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/13 16:28
S86	62590	hydrox\$3with amine with ether	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/13 16:45
S87	487	S86 and ("507" or "166").clas.	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/13 16:45
S88	56	S87 and shale	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/13 16:45
S89	21111	hydrox\$3with amine with etherwith shale	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/13 16:45
S90	28	hydrox\$3with amine with ether with shale	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/13 16:47
S91	1	hydrox\$3 with amine with ether with shale	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/13 16:47
S92	1	(hydrox\$3 or alkanol) with amine with ether with shale	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/13 16:49
S93	5231	polyamine with ether	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/13 16:49
S94	57	S93 and ("507" or "166").clas.	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/13 16:51
S95	24	S94 and (clay or shale)	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/13 16:51
S96	42378	amino with (ether or alcohol)	USPAT	OR	ON	2005/07/13 17:23
S97	74789	amino with (ether or alcohol)	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/13 17:23
S98	658	S97 and shale	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/13 17:23

S99	44	S98 and ("507" or "166").clas.	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/13 17:32
S100	14	S99 and shale with (swell\$3 or heav\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/13 17:33
S101	14	S99 and (shale with (swell\$3 or heav\$3))	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/13 17:46
S102	1	"6831043".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/13 17:47
S103	45	("20020092681"   "20030106718"   "2470831"   "3404165"   "3956141"   "4792412"   "4942929"   "5129469"   "5226749"   "5260268"   "5310285"   "5314265"   "5330662"   "5339912"   "5358049"   "5380706"   "5405223"   "5405224"   "5424284"   "5427999"   "5480863"   "5558161"   "5558171"   "5589603"   "5593952"   "5662169"   "5741758"   "5771971"   "5789352"   "5804535"   "5908814"   "5961438"   "6054416"   "6063737"   "6103671"   "6106733"   "6119779"   "6124244"   "6213213"   "6247543"   "6331508"   "6484821"   "6609578").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/13 17:47
S104	34	S103 and (shale or clay)	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/13 17:48